

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN TRIPLICATE*
 (Other instructions on
 reverse side)

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. Type of Well

Oil Well ☒Gas Well ☐Other ☐Single Zone ☐Multiple Zone ☐

2. Name of Operator

William C. Kirkwood

cc: Wallace Averett

3. Address of Operator

P.O. Box 3439, Casper, Wyoming 82602

1682 Woodland Dr
 Provo 84601

4. Location of Well (Report location clearly and in accordance with any State requirements.)

At surface

752' FSL & 1789' FEL (SW SE)

(374-9962)

At proposed prod. zone

14. Distance in miles and direction from nearest town or post office*

Approximately 50 miles East of Hanksville, Utah

15. Distance from proposed*

location to nearest
 property or lease line, ft.
 (Also to nearest drlg. line, if any) 752'

16. No. of acres in lease

640

17. No. of acres assigned

to this well
 40

18. Distance from proposed location*

to nearest well, drilling, completed,
 or applied for, on this lease, ft.

19. Proposed depth

800' *Organic Rock*

20. Rotary or cable tools

Rotary

21. Elevations (Show whether DF, RT, GR, etc.)

5280' GR

22. Approx. date work will start*

September 15, 1980

23.

PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
8-1/2"	6-5/8"	24# K-55 8 Rd.	20'	10 sacks cement Class "G"
5-5/8"	4-1/2"	9.5# K-55 8 Rd.	800'	50 sacks cement Class "G"

1. Drill 8-1/2" hole and set 6-5/8" surface casing to 20' with good returns.
2. Log B.O.P. checks in daily drill reports and drill 5-5/8" hole to 800'.
3. Run tests if warranted and run 4-12" casing if productive.
4. Run logs, as needed, and perforate and stimulate as needed.

EXHIBITS ATTACHED

"A"

Location & Elevation Plat

"B"

Engineering Program

**APPROVED BY THE DIVISION
 OF OIL, GAS, AND MINING**

DATE: 9-19-80

BY: *M. J. Mander*

NOTE:

The purpose of drilling this 75' offset well is to determine if air communication can be established between these two wells. This will allow us to design an enhanced recovery method to produce oil from this large Tar Sand deposit.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

Signed

Wallace Averett

Title

Engineer

Date

September 11, 1980

(This space for Federal or State office use)

Permit No.

43-017-30098

Approval Date

9/19/80

Approved by

Title

Date

Conditions of approval, if any:



FORM F-106

R. 15 E.

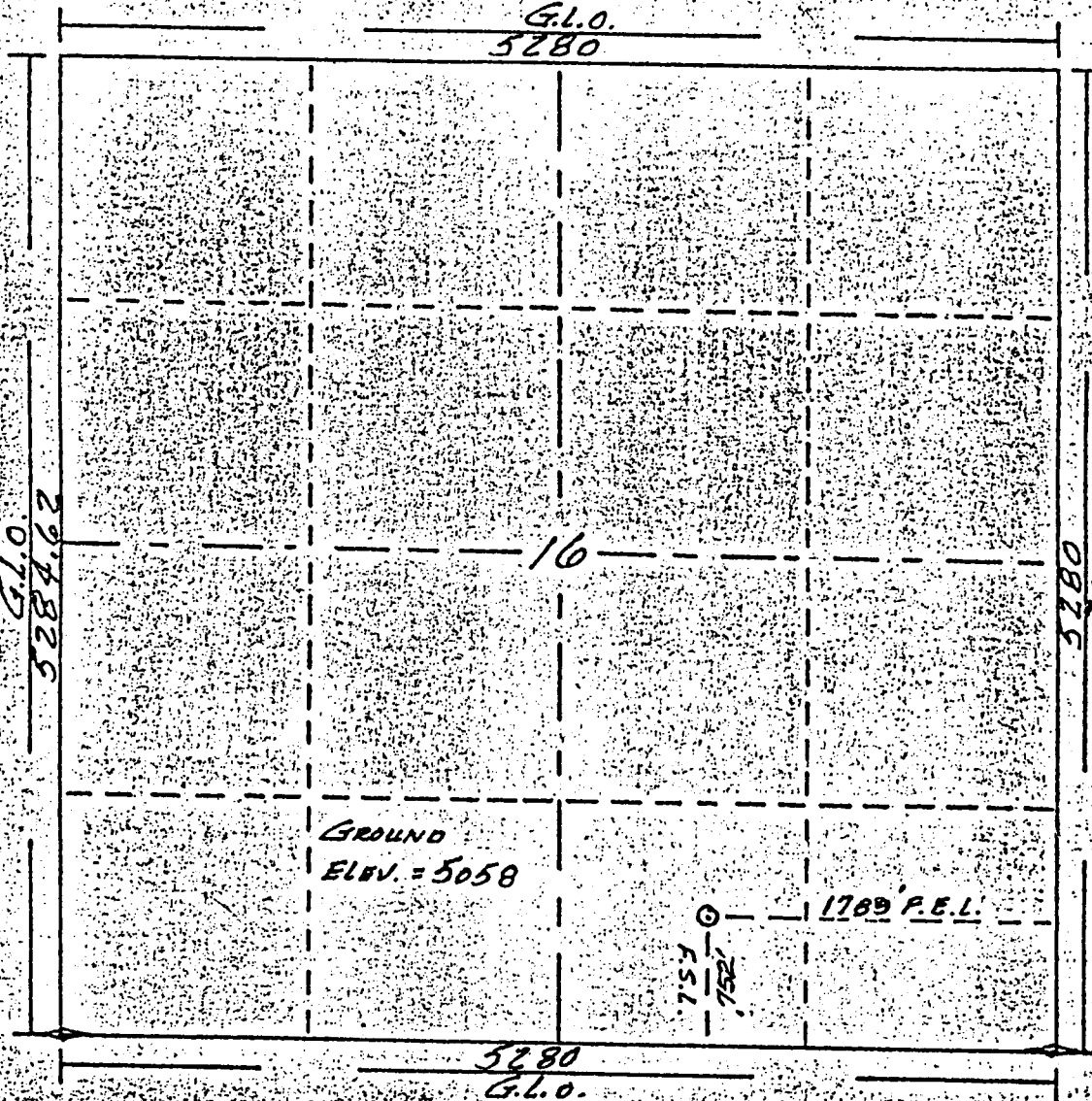
G.L.O.

3280



1" = 1000'

T. 31 S.



Scale... 1" = 1000'

Powers Elevation of Denver, Colorado
has in accordance with a request from WALLACE AVERETT
for KIRKWOOD OIL & GAS CO.
determined the location of WILLIAM C. KIRKWOOD #34-16 STATE
to be 752' F.S.L. & 1789' F.E.L. OF Section 16 Township 31 S.
Range 15 E. OF THE SALT LAKE Meridian
GARFIELD County, UTAH

LEGEND

○ FOUND CORNER

● WELL LOCATION

I hereby certify that this plat is an
accurate representation of a correct
survey showing the location of

WILLIAM C. KIRKWOOD #34-16 STATE

Date: 9-4-80

Orin A. Beck
Licensed Land Surveyor No. 4189
State of UTAH

EXHIBIT "B"
ENGINEERING PROGRAM

William C. Kirkwood
#34-16 State
Sec. 16 T31S R15E
699' FSL & 1842' FEL
Garfield County, Utah

1. The Geologic Surface Formation

The surface formation is the Chinle.

2. Estimated Tops of Important Geologic Markers

White Rim 380'
Organ Rock 760'

Total Depth 800'

3. Estimated Depths of Anticipated Water, Oil, Gas or Minerals

No water zones are anticipated

White Rim 380' Oil

4. The Proposed Casing Program

<u>HOLE SIZE</u>	<u>INTERVAL</u>	<u>SECTION LENGTH</u>	<u>SIZE (OD)</u>	<u>WEIGHT, GRADE & JOINT</u>	<u>NEW OR USED</u>
8 1/2"	0-20'	20'	6 5/8"	24#, K-55, 8 Rd.	New
5 5/8"	0-800'	800'	4 1/2"	9.5#, K-55, 8 Rd.	New

Cement Program

A. Surface casing: 10 sacks cement, Class "G", 2% CaCl.

B. Production casing: 50 sacks cement, Class "G", 2% CaCl.

5. The Operator's Minimum Specifications for Pressure Control

Not Applicable

6. The Type and Characteristics of the Proposed Circulating Muds

Not Applicable - Air Drilled.

7. The Auxiliary Equipment to be Used

Not Applicable

8. The Testing, Logging and Coring Programs to be Followed

- (a) No DST's are anticipated.
- (b) An IES log & a Density log will be run from surface to total depth.
- (c) Coring is anticipated from the top of the White Rim to top of the Organ Rock.
- (d) Stimulation procedures will be determined after evaluation of logs. If treatment is indicated, appropriate notice will be submitted.

9. Any Anticipated Abnormal Pressures or Temperatures

No abnormal pressures or temperatures have been noted or reported in wells drilled in the area nor at the depths anticipated in this well.

No hydrogen sulfide or other hazardous fluids or gases have been found, reported or known to exist at these depths in the area.

10. Anticipated Starting Date and Duration of the Operations

The anticipated starting date is set for August 20, 1980, or as soon as possible after examination and approval of drilling requirements. Operations should be completed within 4 days after spudding the well and drilling to casing point.

** FILE NOTATIONS **

DATE: September 18, 1980

OPERATOR: William C. Kirkwood

WELL NO: Hatch Canyon Unit State #34-16A

Location: Sec. 16 T. 31S R. 15E County: Garfield

File Prepared: ☐

Entered on N.I.D: ☒

Card Indexed: ☒

Completion Sheet: ☒

API Number 43-017-30098

CHECKED BY:

Petroleum Engineer: M. L. Minder 9-18-80 approval
is granted as exception location for purposes of
producing an in situ tar sands extraction process.

Director: _____

Administrative Aide: _____

APPROVAL LETTER:

Bond Required: ☒

Survey Plat Required: ☐

Order No. _____

O.K. Rule C-3 ☐

Rule C-3(c), Topographic Exception - company owns or controls acreage
within a 660' radius of proposed site

Lease Designation State Unit

Plotted on Map ☒

Approval Letter Written ☒

Hot Line ☒

P.I. ☒

approve
as in situ
tar sand
project

September 22, 1980

William C. Kirkwood
P.O. Box 3439
Casper, Wyoming 82602

Re: Well No. Hatch Canyon Unit State #34-16A
Sec. 16, T. 31S, R. 15E.,
Garfield County, Utah

Insofar as this office is concerned, approval to drill the above referred to well as an insitu tar sands project is hereby granted.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

MICHAEL T. MINDER - Petroleum Engineer
Office: 533-5771
Home: 876-3001

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-017-30098.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Michael T. Minder
Petroleum Engineer

/btm

cc: USGS
Donald Prince
Wallace Averett

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See
instr.
reverse
side)Form approved.
Budget Bureau No. 42-R355.5.

15

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other <input type="checkbox"/>				5. LEASE DESIGNATION AND SERIAL NO. ML 27138	
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other <input type="checkbox"/>				6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR William C. Kirkwood				7. UNIT AGREEMENT NAME Hatch Canyon	
3. ADDRESS OF OPERATOR PO Box 3439, Casper, Wyoming 82602				8. FARM OR LEASE NAME State	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 752' FSL, 1789' FEL At top prod. interval reported below SAME At total depth same				9. WELL NO. 34-16A	
14. PERMIT NO. 43-017-30098				10. FIELD AND POOL, OR WILDCAT Wildcat	
DATE ISSUED 9-19-80				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Section 16, T31S, R15E	
15. DATE SPUDDED 10/6/80		16. DATE T.D. REACHED 10/8/80		12. COUNTY OR PARISH Garfield	
17. DATE COMPL. (Ready to prod.) 9-80		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5288' GL		13. STATE Utah	
20. TOTAL DEPTH, MD & TVD 440'		21. PLUG, BACK T.D., MD & TVD		19. ELEV. CASINGHEAD	
22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY all		25. WAS DIRECTIONAL SURVEY MADE no	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 257-407'				27. WAS WELL CORED yes	
28. CASING RECORD (Report all strings set in well)					
CASINO SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)	
6 5/8"		20#		20'	
4 1/2"		9.5#		469.81'	
HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED	
7 7/8"		5 sacks			
6"		45 sacks			
29. LINER RECORD					
SIZE		TOP (MD)		BOTTOM (MD)	
SACKS CEMENT*		SCREEN (MD)			
30. TUBING RECORD					
SIZE		DEPTH SET (MD)		PACKER SET (MD)	
31. PERFORATION RECORD (Interval, size and number)					
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
DEPTH INTERVAL (MD)			AMOUNT AND KIND OF MATERIAL USED		
33.* PRODUCTION					
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)			WELL STATUS (Producing or shut-in) SI
DATE OF TEST		HOURS TESTED		CHOKE SIZE	
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE	
OIL—BBL.		GAS—MCF.		WATER—BBL.	
OIL GRAVITY-API (CORR.)					
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)					
TEST WITNESSED BY					
35. LIST OF ATTACHMENTS					
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records					
SIGNED		TITLE		DATE	
Wm. C. Kirkwood		Petr. Engr.		10-28-80	

*(See Instructions and Spaces for Additional Data on Reverse Side)

William C. Kirkwood
#34-16A
752' FSL 1789' FEL
Sec 16, T31S, R15E
Garfield County, Utah
GL Elevation 5288'

spud 7:00 10-6-80
F.D. 10-8-80

253-256	Dolomite clean white
257-261	Heavy oil saturation
261-275	Dolomite clean
275-277	Moderate saturation
277-278	Dolomite clean
278-279	Moderate saturation
279-288	Dolomite clean
288-319	Moderate sand stone saturation
319-325	Heavy Saturation
325-349	Moderate to heavy saturation
349-367	Heavy saturation
367-373	Moderate to heavy saturation
373-394	Heavy saturation
394-403	Clean sand stone
403-407	Heavy saturation
407-440	Clean white sand

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

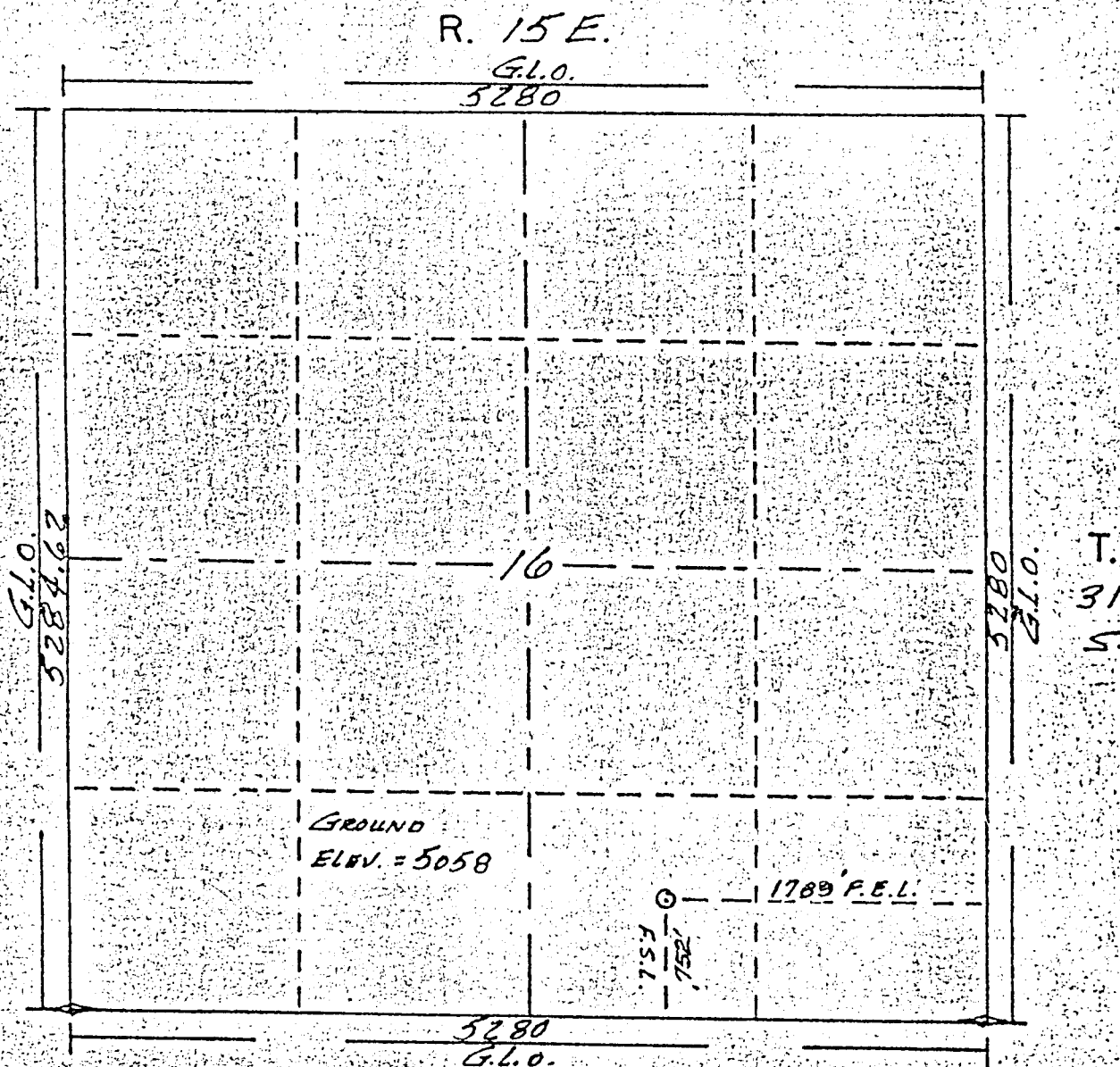
SUBMIT IN DUPLICATE

(See instructions on
reverse side)Form approved.
Budget Bureau No. 42-R355.6.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other _____		5. LEASE DESIGNATION AND SERIAL NO. ML 27138	
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR William C. Kirkwood		7. UNIT AGREEMENT NAME Hatch Canyon	
3. ADDRESS OF OPERATOR PO Box 3439, Casper, Wyoming 82602		8. FARM OR LEASE NAME State	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 752' FSL, 1789' FEL At top prod. interval reported below same At total depth same		9. WELL NO. 34-16A	
14. PERMIT NO. 43-017-30098		10. FIELD AND POOL, OR WILDCAT Wildcat	
DATE ISSUED		11. SEC., T., R., N., OR BLOCK AND SURVEY OR AREA Section 16, T31S, R15E	
15. DATE SPUNDED 10/6/80		12. COUNTY OR PARISH Garfield	
16. DATE T.D. REACHED 10/8/80		13. STATE Utah	
17. DATE COMPL. (Ready to prod.)		18. ELEVATIONS (DP, RKB, RT, OR, ETC.)* 5288' GL	
19. ELEV. CASINGHEAD		20. TOTAL DEPTH, MD & TVD 440'	
21. PLUG, BACK T.D., MD & TVD		22. IF MULTIPLE COMPL., HOW MANY*	
23. INTERVALS DRILLED BY →		ROTARY TOOLS all	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 257-407'		25. WAS DIRECTIONAL SURVEY MADE no	
26. TYPE ELECTRIC AND OTHER LOGS RUN Gamma Ray-Caliper-Density-Resistance		27. WAS WELL CORED yes	
29. CASINO RECORD (Report all strings set in well)			
CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
6 5/8"	20#	20'	7 7/8"
4 1/2"	9.5#	469.81'	6"
30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
31. PERFORATION RECORD (Interval, size and number)			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
33. PRODUCTION			
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	
DATE OF TEST		WELL STATUS (Producing or shut-in)	
HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.
FLOW, TUBING PRESS.		CASINO PRESSURE	GAS—MCF.
CALCULATED 24-HOUR RATE		WATER—BBL.	GAR-OIL RATIO
OIL—BBL.		OIL GRAVITY-API (CORR.)	
GAS—MCF.		34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)	
WATER—BBL.		TEST WITNESSED BY	
35. LIST OF ATTACHMENTS			
3. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED <u>Wm C. Kirkwood</u>		TITLE <u>Petr. Engr.</u>	
DATE <u>10-28-80</u>			

*(See Instructions and Spaces for Additional Data on Reverse Side)



Powers Elevation of Denver, Colorado
has in accordance with a request from WALLACE AVERETT
for KIRKWOOD OIL & GAS CO.
determined the location of WILLIAM C. KIRKWOOD #34-16 STATE
to be 752' F.S.L. & 1789' F.E.L. OF Section 16 Township 31 S.
Range 15 E. OF THE SALT LAKE Meridian
GARFIELD County, UTAH

LEGEND

○ FOUND CORNER

— WALL LOCATION

I hereby certify that this plat is an
accurate representation of a correct
survey showing the location of

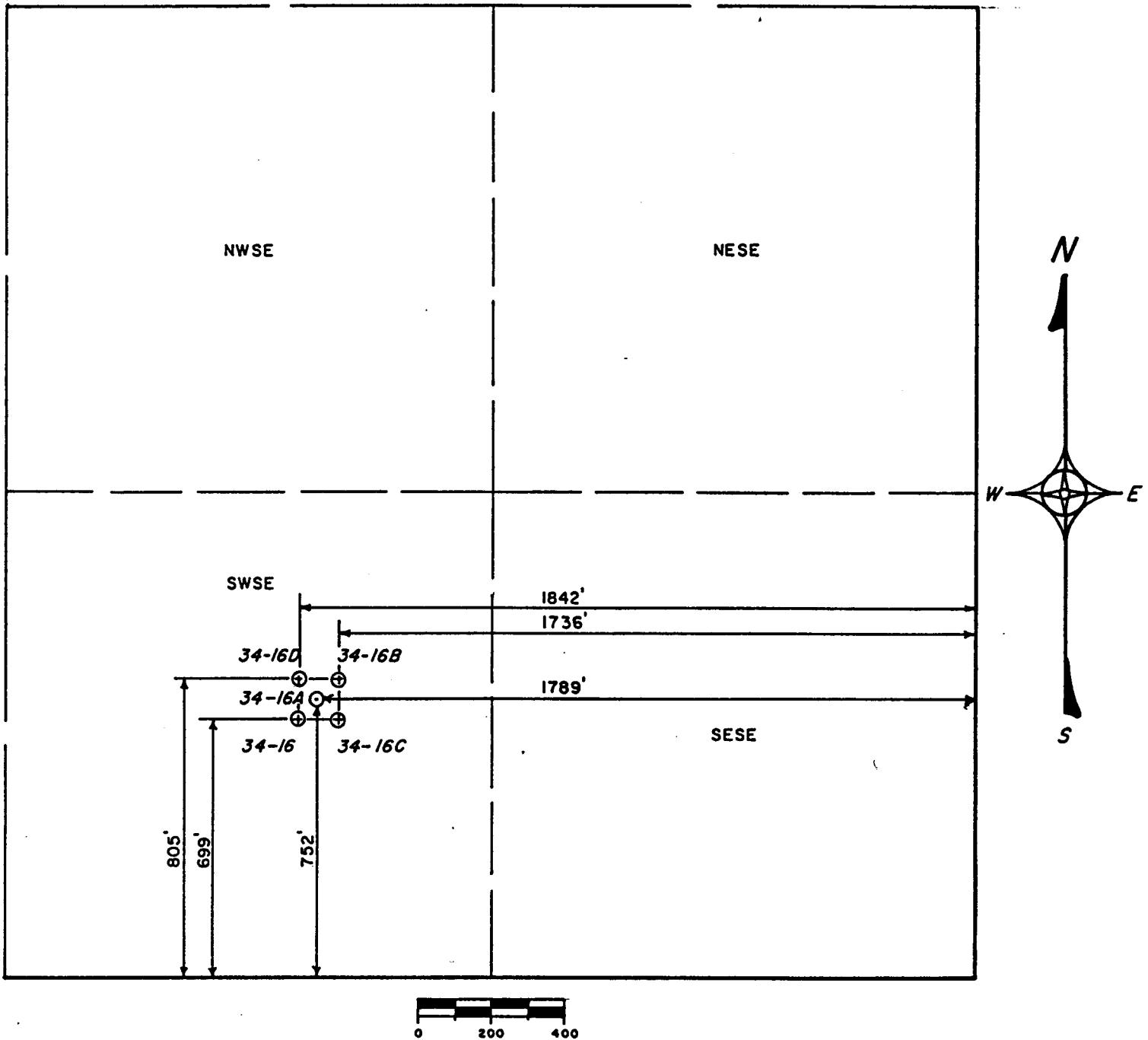
WILLIAM C. KIRKWOOD #34-16 STATE

Date: 9-4-80

Orin A. Dickson
Licensed Land Surveyor No. 4189
State of UTAH

SE/4 Sec. 16, T31S, R15E

Garfield County, Utah



Plat Showing Location Of Wells; 34-16, 34-16A, 34-16B, 34-16C, And 34-16D In The SWSE/4 Of Section 16, Township 31 South, Range 15 East, Garfield Co., Utah. 42-017-30098



WILLIAM C. KIRKWOOD
OIL & GAS EXPLORATION & PRODUCTION

120 So. Durbin
P.O. Drawer 3439
Casper, WYOMING 82601
Telephone 307-265-5178



SCOTT M. MATHESON
Governor

GORDON E. HARMSTON
Executive Director,
NATURAL RESOURCES

CLEON B. FEIGHT
Director

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING
1588 West North Temple
Salt Lake City, Utah 84116
(801) 533-5771

OIL, GAS, AND MINING BOARD

CHARLES R. HENDERSON
Chairman

JOHN L. BELL
C. RAY JUVELIN
THADIS W. BOX
MAXILIAN A. FARBMAN
EDWARD T. BECK
E. STEELE McINTYRE

May 21, 1981

William C. Kirkwood
P.O. Box Drawer 3439
Casper, Wyoming 82601

Re: SEE ATTACHED SHEET ON WELL DUE

Gentlemen:

In reference to above mentioned wells, considerable time has gone by since approval was obtained from this office.

This office has not recieved any notification of spudding. If you do not intend to drill these wells, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. (If we do not hear from your company within fifteen (15) days, we will assume you do not intend to drill these wells and action will be taken to terminate the application.) If you plan on drilling these location at a later date, please notify as such.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

SANDY BATES
CLERK-TYPIST

ATTACHED SHEET ON WELLS DUE

1. Well No. White Rim #44-4
Sec. 4, T. 31S. R. 15E.
Garfield County, Utah
2. Well No. Magnum #23-8
Sec. 8, T. 31S. R. 15E.
Garfield County, Utah
3. Well No. Remington #14-15
Sec. 15, T. 31S. R. 15E.
Garfield County, Utah
4. Well No. Winfield #21-15
Sec. 15, T. 31S. R. 15E.
Garfield County, Utah
5. Well No. Garfield #44-15
Sec. 15, T. 31S. R. 15E.
Garfield County, Utah
6. Well No. Hatch Canyon Unit #34-16A
Sec. 16, T. 31S. R. 15E.
Garfield County, Utah
7. Well No. Monroe #22-20
Sec. 20, T. 31S. R. 15E.
Garfield County, Utah
8. Well No. Eastex #41-20
Sec. 20, T. 31S. R. 15E.
Garfield County, Utah
9. Well No. State #11-2
Sec. 2, T. 32S. R. 15E.
Garfield County, Utah
10. Well No. State #31-16
Sec. 16, T. 32S. R. 15E.
Garfield County, Utah
11. Well No. State #34-16
Sec. 16, T. 31S. R. 15E.
Garfield County, Utah

July 31, 1981

William C. Kirkwood
P. O. Box 3439
Casper, Wyoming 82602

Re: Well No. Hatch Canyon State 34-16A
Sec. 16, T. 31S, R. 15E
Garfield County, Utah

Gentlemen:

Accoridng to our records, a "Well Completion Report" filed with this office 10-28-80, from above referred to well indicates the following elevtric logs were run: Gamma Ray-Caliper-Density-Resistance. As of todays date this office has not received these logs.

Rule C-5, General Rules and Regulations and Rules of Practice and Procedure, requires that a well log shall be filed with the Commission together with a copy of the electric and radioactivity logs.

Your prompt attention to the above will be greatly appreciated.

Sincerely,

DIVISION OF OIL, GAS, AND MINING



Sandy Bates
Clerk-Typist

/lm

WILLIAM C. KIRKWOOD

Suite 300 Market Square Building — 307/265-5178

P. O. Drawer 3439 — Casper, Wyoming 82602



OIL & GAS EXPLORATION & PRODUCTION

January 29, 1982

State of Utah
Division of Oil, Gas and Mining
1588 West North Temple
Salt Lake City, UT 84116

RE: Filing Additions to USGS Form
9-330 or OGCC-3

William C. Kirkwood
#34-16A State
752' FSL 1789' FEL
Sec. 16, T31S, R15E
Garfield County, Utah

Gentlemen:

Enclosed is a copy of the logs (where run), sample and core descriptions, geologic summaries and other data obtained during drilling and completion operations to date.

Our delay in the further completion of this well, is due to testing presently being done to determine the best method of completion to be used to produce oil from this reservoir. Testing is being done by the University of Utah Fuels Engineering Department on core samples and oil from this reservoir. Additional wells have been cored to obtain samples for analysis of reservoir characteristics and to further delineate oil reserves in the Hatch Canyon Unit. In addition several wells of a pilot test pattern have been drilled.

If you require further information or have any questions please contact me.

Sincerely,

Robert Montgomery

RM:bal

Enclosures

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO.
2. NAME OF OPERATOR W. C. Kirkwood Oil and Gas		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. Drawer 3439 Casper, WY 82602		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface Wells located in Townships 31 and 32 South Ranges 14 & 15 East		8. FARM OR LEASE NAME
14. PERMIT NO.		9. WELL NO.
15. ELEVATIONS (Show whether DF, RT, OR, etc.)		10. FIELD AND POOL, OR WILDCAT
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
		12. COUNTY OR PARISH
		13. STATE

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☐CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) Well Status ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The wells described on the enclosed list are located within the Hatch Canyon Federal Oil and Gas Unit. This unit is located within the Tar Sand Triangle Special Tar Sand Area. All operations within the Hatch Canyon Unit have been suspended pending conversion of the federal leases within the unit to Combined Hydrocarbon Leases. Thus all operations on these wells have been suspended until conversion has taken place. At that time an additional Sundry Notice will be submitted outlining future activities involving these wells.

APR 6 1984

DIVISION OF
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED Robert M. WilsonTITLE GeologistDATE March 22, 1984

(This space for Federal or State office use)

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

William C. Kirkwood
#14-36 Technology
2076' FWL 746' FSL
Sec 36 Twp 31S R 14E
Garfield County, Utah
G.L. 4823'

Spudded	6/23/80	
T.D.	6/25/80	462'
Deepened	7/1/80	
T.D.	7/12/80	1000'

William C. Kirkwood
#33-29 Cromwell
2023' FEL 741' FSL
Sec 29 Twp 31S R 15E
Garfield County, Utah
G.L. 5120

Spudded	7/5/80	
T.D.	7/8/80	700'

William C. Kirkwood
#23-8 Magnum
1934' FEL 1667' FSL
Sec 8 Twp 31S R 15E
Garfield County, Utah
G.L. 5084

Spudded	7/17/80	
T.D.	7/22/80	1100'

William C. Kirkwood
#22-20 Monroe
2962' FEL 1790' FNL
Sec 20 Twp 31S R 15E
Garfield County, Utah
G.L. 4988

Spudded	7/9/80	
T.D.	7/15/80	800'

William C. Kirkwood
#14-15 Remington
554' FWL 697' FSL
Sec 15 Twp 31S R 15E
Garfield County, Utah
G.L. 5307'

Spudded	8/1/80	
T.D.	8/3/80	1540'

William C. Kirkwood
#14-15 Garfield
4497' FWL 599' FSL
Sec 15 Twp 31S R 15E
Garfield County, Utah
G.L. 5321'

Spudded	8/4/80	
T.D.	8/6/80	1000'

William C. Kirkwood
#21-15 Winfield
2222' FWL 481' FNL
Sec 15 Twp 31S R 15E
Garfield County, Utah
G.L. 6127'

Spudded	8/12/80	
T.D.	8/14/80	1800'

William C. Kirkwood
#44-4 White Rim
401' FEL 1498' FSL
Sec 4 Twp 31S R 15E
Garfield County, Utah
G.L. 6005'

Spudded	8/14/80	
T.D.	8/16/80	1640'

William C. Kirkwood
#34-16 State
699' FSL 1842' FEL
Sec 16 Twp 31S R 15E
Garfield County, Utah
G.L. 5058'

Spudded	8/22/80	
T.D.	8/24/80	620'

William C. Kirkwood
#34-16 Hatch Canyon Unit
SWSE 16-31S-15E
699' FSL 1842' FEL

Spudded	8/22/80	
T.D.		620'
G.L.	5058'	

William C. Kirkwood
34-16A Hatch Canyon Unit
SWSE 16-31S-15E
752 FSL 1789 FEL

Spudded 10/6/80
T.D. 440'
G.L. 5058'

William C. Kirkwood
34-16B Hatch Canyon Unit
SWSE 16-31S-15E
805' FSL 1736' FEL

Spudded 6/21/81
T.D. 800'
G.L. 5058'

William C. Kirkwood
34-16C Hatch Canyon Unit
SWSE 16-31S-15E
699' FSL 1736' FEL

Spudded 12/19/81
T.D. 500'
G.L. 5058'

William C. Kirkwood
34-16C Hatch Canyon Unit
SWSE 16-31S-15E
805' FSL 1842' FEL

Spudded 6/12/82
T.D. 510'
G.L. 5058'

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN TRIPLICATE*
(Other instructions on
reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> 2. NAME OF OPERATOR <u>William C. Kirkwood</u> 3. ADDRESS OF OPERATOR <u>P.O. Box 3439, Casper, WY 82602</u> 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) <u>At surface</u> <u>752' FSL, 1789' FEL</u>		5. LEASE DESIGNATION AND SERIAL NO. <u>MT. 27138</u> 6. IF INDIAN, ALLOTTEE OR TRIBE NAME <u>N/A</u> 7. UNIT AGREEMENT NAME <u>Hatch Canyon</u> 8. FARM OR LEASE NAME <u>State</u> 9. WELL NO. <u>34-16A</u> 10. FIELD AND POOL, OR WILDCAT <u>Wildcat</u> 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <u>Sec. 16, T31S, R15E</u> 12. COUNTY OR PARISH 13. STATE <u>Garfield</u> <u>UT</u>
14. PERMIT NO. <u>43-017-30098</u>	15. ELEVATIONS (Show whether DF, RT, GR, etc.) <u>5288' GL</u>	

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	FULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	<input checked="" type="checkbox"/>

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input type="checkbox"/>	<input type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

This well is located in the Hatch Canyon Unit. All operations in this Unit have been suspended pending the conversion of Federal Oil and Gas leases within this Unit to Combined Hydrocarbon leases. Once these leases are converted a new Combined Hydrocarbon Unit will be formed and operations resumed. Until that time this well has been shut in and temporarily abandoned.

RECEIVED

JAN 17 1985

DIVISION OF
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct.

SIGNED

TITLE GeologistDATE 1-4-85

(This space for Federal or State office use)

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

Certified #492-469-129

1-14-85

*See Instructions on Reverse Side

355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Ut
84180-1203. • (801-538-5340)

Page 1 of 1

MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

• KIRKWOOD, WILLIAM C.
P O BOX 3439
CASPER WY 82602
ATTN: AUDREY FISHER

HATCH CANYON UNIT

* Combined Hydrocarbon
* Oper. Filed Bankruptcy

Utah Account No. N3260

Report Period (Month/Year) 1 / 89

Amended Report ☐

Well Name			Producing	Days	Production Volume		
API Number	Entity	Location	Zone	Oper	Oil (BBL)	Gas (MSCF)	Water (BBL)
REMINGTON 14-15	Comp 7-30-80	15E 15	SWSW WHRM	—	SOW U-21037		
4301730086	09645 31S	15E 15	NENW WHRM	11015	SOW U-21037		
WINFIELD 21-15	Comp 7-30-80	15E 15	SENEW WHRM	11016	SOW U-21477		
4301730087	09645 31S	15E 20	NESW WHRM	11017	SOW U-21478		
MONROE 22-20	Comp 7-30-80	15E 8	SWSE WHRM	11018	SOW U-21476		
4301730088	09645 31S	15E 29	SESE WHRM	11019	SOW U-21083		
MAGNUM 23-8	Comp 7-30-80	15E 4	SESE WHRM	11020	SOW U-21037		
4301730089	09645 31S	15E 15	SWSE WHRM	11021	SOW ML-27138		
CRMWELL 33-29	Comp 7-30-80	15E 16	SWSE WHRM	11022	SOW ML-27138		
4301730090	09645 31S	15E 16	SWSE WHRM	11023	SOW ML-27138		
WHITE RIM 44-4	Comp 7-30-80	15E 16	SWSE WHRM	—	SOW (not in unit)		
4301730091	09645 31S	15E 16	SWSE WHRM	—	SOW (not in unit)		
WINFIELD 44-15	Comp 7-30-80	15E 15	SWSE WHRM	—	SOW (not in unit)		
4301730092	09645 31S	15E 15	SWSE WHRM	—	SOW (not in unit)		
STATE 34-16	Comp 7-30-80	15E 16	SWSE WHRM	—	SOW (not in unit)		
4301730096	09645 31S	15E 16	SWSE WHRM	—	SOW (not in unit)		
STATE 34-16A	Comp 7-30-80	15E 16	SWSE WHRM	—	SOW (not in unit)		
4301730098	09645 31S	15E 16	SWSE WHRM	—	SOW (not in unit)		
HATCH CANYON U 34-16B	Comp 7-30-80	15E 16	SWSE WHRM	—	SOW (not in unit)		
4301730107	09645 31S	15E 16	SWSE WHRM	—	SOW (not in unit)		
TECHNOLOGY 14-36	Comp 7-30-80	15E 16	SWSE WHRM	—	SOW (not in unit)		
4301730085	10929 31S	14E 36	WHRM	—	SOW (not in unit)		
TOTAL							

Comments (attach separate sheet if necessary)

Entity 9645 ok. No P.A.'s in Unit!

9-25-89 All wells currently "SOW" status's - for

43-017-30086 is the only well that will retain entity 9645.

I have reviewed this report and certify the information to be accurate and complete.

Date _____

Authorized signature _____

Telephone _____

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM - FORM 6

OPERATOR WILLIAM C. KIRKWOOD
ADDRESS P. O. BOX 3439
CASPER, WYOMING 82602

OPERATOR ACCT. NO. N 3260

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
D	9645	11020	43-017-30092	GARFIELD 44-15	SESE	15	31S	15E	GARFIELD		9-18-89
WELL 1 COMMENTS: ** HATCH CANYON UNIT TERMINATED EFFECTIVE 9-18-89. ALL WELLS WITHIN UNIT BOUNDARY ARE SOW AND NOW HAVE INDIVIDUAL ENTITY NUMBERS. ONLY WELL WITH ORIGINAL # IS 43-017-30086, REMINGTON 14-15.											
D	9645	11021	43-017-30096	STATE 34-16	SWSE	16	31S	15E	GARFIELD		9-18-89
WELL 2 COMMENTS:											
D	9645	11022	43-017-30098	STATE 34-16A	SWSE	16	31S	15E	GARFIELD		9-18-89
WELL 3 COMMENTS:											
D	9645	11023	43-017-30107	HATCH CYN U 34-16B	SWSE	16	31S	15E	GARFIELD		9-18-89
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

(3/89)

LISHA ROMERO

Signature

ADMIN. ANALYST

9-29-89

Title

Date

Phone No. (801) 538-5340

Bureau of Land Management
Branch of Fluid Minerals (U-922)
324 South State Street
Salt Lake City, Utah 84111-2303

2110
(U-922)

September 10, 1989

CERTIFIED MAIL - Return Receipt Requested

William C. Kirkwood
P.O. Drawer 3435
Casper, Wyoming 82402

Gentlemen:

Pursuant to our letter of August 8, 1989, the indefinite suspension of Section 9 drilling obligations within the Hatch Canyon Unit Area was lifted September 11, 1989. A copy of our August 8, 1989, correspondence and the Certified Return Receipt is enclosed for your records.

As a result of the indefinite suspension being lifted, the Hatch Canyon Unit Agreement, Garfield County, Utah, automatically terminated, effective September 10, 1989, pursuant to the last paragraph of Section 9 of the Unit Agreement.

Copies of this letter are being distributed to the appropriate Federal agencies. It is requested that you furnish notice of this termination to each working interest owner, lessee, and lessor.

In accordance with 43 CFR 3165.2, you may request a State Director Review of this decision. Any party adversely affected by a State Director Review may appeal to the Interior Board of Land Appeals as stated in 43 CFR 3165.4.

Sincerely,

Orig. Sgd: J.A. Fouts

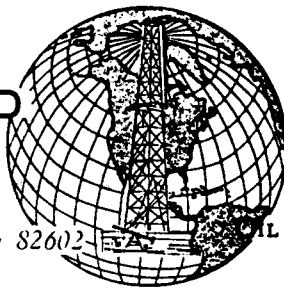
ACTING

Robert A. Henricks
Chief, Branch of Fluid Minerals

cc: DM Cedar City
Hatch Canyon Unit File
Agr. Sec. Chron.
Fluid Chron.
U-922
Utah State Land Corps
HMS-RMP
DOCM

Mcoulthard June 9/19/89
0128V

WILLIAM C. KIRKWOOD



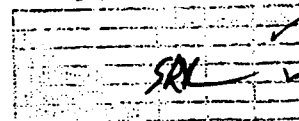
120 South Durbin — 307/265-5178
P. O. Drawer 3439 — Casper, Wyoming 82602 — OIL & GAS EXPLORATION & PRODUCTION

June 3, 1991

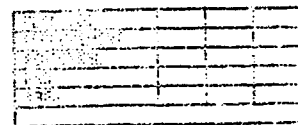
RECEIVED

AUG 26 1991

DIVISION OF
OIL GAS & MINING



JUN 5 1991



Bureau of Land Management
Richfield District Office
150 East 900 North
Richfield, UT 84701

Attention: Michael Jackson

Re: Hatch Canyon Unit
Well # 14-15, 21-15, 44-15
Sec. 15, T31S, R15E
Garfield County, UT

Gentlemen:

Enclosed please find Sundry Notices for plugging three wells in the Hatch Canyon Unit located in Section 15.

With regard to your concern of the four shallowed unplugged holes associated with the #14-15 well: Kirkwood has no record of any such wells, however, we do have a five spot pattern located in Section 16 (copies of location plot and completion reports enclosed). This pattern could possibly be what they are talking about.

If I can be of further assistance, please advise.

Sincerely,

Robert Kirkwood
Engineer

RK/mm

Enclosures

RECEIVED

AUG 26 1991

DIVISION OF
OIL, GAS & MINING

ROUTING AND TRANSMITTAL SLIP

Date

8/23/91

TO: (Name, office symbol, room number, building, Agency/Post)

Initials

Date

1. Frank Matthews

2. DOGM

3. STATE OF UTAH, DIVISION OF OIL, GAS & MINING

4. 3Tried Center, Sec 350

5. JLC, 24129-1203

Action	<input checked="" type="checkbox"/> File	Note and Return
Approval	For Clearance	For Clearance
As Requested	For Correction	Prepare Report
Circulate	For Your Information	See Me
Comment	Investigate	Signature
Coordination	Justify	

RECEIVED

AUG 26 1991

REMARKS

Approval for
DIVISION OF
OIL, GAS & MINING
Enclosed are the reports for
PEA of 3 wells on BLM lands.

Also, enclosed are reports related
to wells on Sec. 16, which I'd
talked to you about.

Give me a call if questions.

DO NOT use this form as a RECORD of approvals, concurrences, disposals, clearances, and similar actions

FROM: (Name, org. symbol, Agency/Post)

Room No.—Bldg.

BLM-Rickard

Phone No.

801 896-8221

5041-102

OPTIONAL FORM 41 (Rev. 7-76)
Prescribed by GSA
FPMR (41 CFR) 101-11.206

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> OTHER:	5. Lease Designation and Serial Number: <div style="text-align: center;">ML-27138</div>
2. Name of Operator: <div style="text-align: center;">WILLIAM C. KIRKWOOD</div>	6. If Indian, Allottee or Tribe Name:
3. Address and Telephone Number: <div style="text-align: center;">P. O. BOX 3439 CASPER, WY 82602-3439</div>	7. Unit Agreement Name: <div style="text-align: center;">HATCH CANYON UNIT</div>
4. Location of Well Footages: 752' FSL, 1789' FEL OQ, Sec., T., R., M.: Sec. 16, T31S, R15E	8. Well Name and Number: <div style="text-align: center;">State 34-16A</div>
	9. API Well Number: <div style="text-align: center;">4301730098</div>
	10. Field and Pool, or Wildcat: <div style="text-align: right;">County: Garfield State: Utah</div>

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Approximate date work will start _____

SUBSEQUENT REPORT (Submit Original Form Only)

- | | |
|--|---|
| <input type="checkbox"/> Abandonment * | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Date of work completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

ANNUAL STATUS REPORT

The above referenced well was drilled and completed as an exploratory well in a heavy oil project. Although substantial oil reserves were found, low oil prices suspended further development and this well was put in a temporarily abandoned status.

13. Name & Signature:  Title: Engineer Date: 12/18/92

(This space for State use only)

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS		3. Lease Designation and Serial Number: ML 27138
Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.		6. If Surface, Acreage or Tract Name:
1. Type of Well: OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> OTHER: <input type="checkbox"/>		7. Unit Agreement Name: Hatch Canyon Unit
2. Name of Operator: William C. Kirkwood		8. Well Name and Number: 34-16A
3. Address and Telephone Number: P. O. Box 3439, Casper, WY 82602		9. API Well Number: 43-017-30098
4. Location of Well 752' FSL, 1789' FEL Footage: Sec. 16, T31S, R15E CO. Sec., T., R., M.:		10. Field and Pool, or Wildcat: Wildcat County: Garfield State: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA	
<p style="text-align: center; font-weight: bold; font-size: small;">NOTICE OF INTENT (Submit in Duplicate)</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <input checked="" type="checkbox"/> Abandon <input type="checkbox"/> Repair Casing <input type="checkbox"/> Change of Plans <input type="checkbox"/> Convert to Injection <input type="checkbox"/> Fracture Treat or Acidize <input type="checkbox"/> Multiple Completion <input type="checkbox"/> Other _____ </div> <div style="width: 48%;"> <input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Recomplete <input type="checkbox"/> Reperforate <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off </div> </div> <p>Approximate date work will start <u>Sept. 15, 1997</u></p>	<p style="text-align: center; font-weight: bold; font-size: small;">SUBSEQUENT REPORT (Submit Original Form Only)</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <input type="checkbox"/> Abandon <input type="checkbox"/> Repair Casing <input type="checkbox"/> Change of Plans <input type="checkbox"/> Convert to Injection <input type="checkbox"/> Fracture Treat or Acidize <input type="checkbox"/> Other _____ </div> <div style="width: 48%;"> <input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Reperforate <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off </div> </div> <p>Date of work completion _____</p> <p style="font-size: x-small;">Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form. * Must be accompanied by a cement verification report.</p>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and associated and true vertical depths for all sections and zones pertinent to this work.)

Kirkwood plans to P & A the above referenced well by filling the casing with cement from the surface, installing a dry hole marker and restoring the surface.

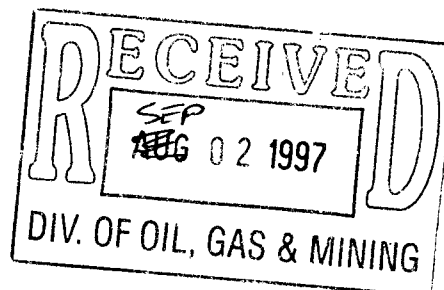
13. Name & Signature: *Robert W. Kirkwood* Title: Engineer Date: 8/28/97

(This space for State Use only)

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 9/22/97
BY: *John R. Boye*

(See Instructions on Reverse Side)



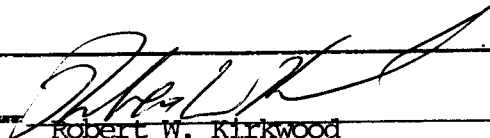
STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

<p align="center">SUNDRY NOTICES AND REPORTS ON WELLS</p> <p align="center"><small>Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.</small></p>		3. Lease Designation and Serial Number: ML 27138
		6. If further, Addition or Other Name:
		7. Unit Agreement Name: Hatch Canyon Unit
1. Type of Well: OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> OTHER:	4. Well Name and Number: 34-16A	8. API Well Number: 43-017-30098
2. Name of Operator: William C. Kirkwood	10. Field and Pool, or Wildcat: Wildcat	
3. Address and Telephone Number: P. O. Box 3439, Casper, WY 82602	Country: Garfield State: Utah	
4. Location of Well: Footage: 752' FSL, 1789' FEL CO. Sec., T., R., M.: Sec. 16, T31S, R15E		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA																											
<p align="center">NOTICE OF INTENT (Submit in Duplicate)</p> <table border="0"> <tr> <td><input type="checkbox"/> Abandon</td> <td><input type="checkbox"/> New Construction</td> </tr> <tr> <td><input type="checkbox"/> Repair Casing</td> <td><input type="checkbox"/> Pull or Alter Casing</td> </tr> <tr> <td><input type="checkbox"/> Change of Plans</td> <td><input type="checkbox"/> Recomplete</td> </tr> <tr> <td><input type="checkbox"/> Convert to Injection</td> <td><input type="checkbox"/> Reperforate</td> </tr> <tr> <td><input type="checkbox"/> Fracture Treat or Acidize</td> <td><input type="checkbox"/> Vent or Flare</td> </tr> <tr> <td><input type="checkbox"/> Multiple Completion</td> <td><input type="checkbox"/> Water Shut-Off</td> </tr> <tr> <td colspan="2"><input type="checkbox"/> Other _____</td> </tr> </table> <p>Approximate date work will start _____</p>	<input type="checkbox"/> Abandon	<input type="checkbox"/> New Construction	<input type="checkbox"/> Repair Casing	<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Reperforate	<input type="checkbox"/> Fracture Treat or Acidize	<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> Other _____		<p align="center">SUBSEQUENT REPORT (Submit Original Form Only)</p> <table border="0"> <tr> <td><input checked="" type="checkbox"/> Abandon</td> <td><input type="checkbox"/> New Construction</td> </tr> <tr> <td><input type="checkbox"/> Repair Casing</td> <td><input type="checkbox"/> Pull or Alter Casing</td> </tr> <tr> <td><input type="checkbox"/> Change of Plans</td> <td><input type="checkbox"/> Reperforate</td> </tr> <tr> <td><input type="checkbox"/> Convert to Injection</td> <td><input type="checkbox"/> Vent or Flare</td> </tr> <tr> <td><input type="checkbox"/> Fracture Treat or Acidize</td> <td><input type="checkbox"/> Water Shut-Off</td> </tr> <tr> <td colspan="2"><input type="checkbox"/> Other _____</td> </tr> </table> <p>Date of work completion 10/27/97</p> <p><small>Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.</small></p> <p><small>* Must be accompanied by a cement verification report.</small></p>	<input checked="" type="checkbox"/> Abandon	<input type="checkbox"/> New Construction	<input type="checkbox"/> Repair Casing	<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Reperforate	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Fracture Treat or Acidize	<input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> Other _____	
<input type="checkbox"/> Abandon	<input type="checkbox"/> New Construction																										
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<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Recomplete																										
<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Reperforate																										
<input type="checkbox"/> Fracture Treat or Acidize	<input type="checkbox"/> Vent or Flare																										
<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off																										
<input type="checkbox"/> Other _____																											
<input checked="" type="checkbox"/> Abandon	<input type="checkbox"/> New Construction																										
<input type="checkbox"/> Repair Casing	<input type="checkbox"/> Pull or Alter Casing																										
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Reperforate																										
<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Vent or Flare																										
<input type="checkbox"/> Fracture Treat or Acidize	<input type="checkbox"/> Water Shut-Off																										
<input type="checkbox"/> Other _____																											

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all sections and zones pertinent to this work.)

Please be advised that the above referenced well was plugged in accordance with the approved plan dated 9/22/97 and is ready for final inspection.

13.  **Robert W. Kirkwood** Title: **Engineer** Date: **11/11/97**

(This space for State use only)

